



Chenab Valley Power Projects (P) Ltd

(A Joint Venture of NHPC (A Govt of India Enterprise, JKSPDC (A Govt of J&K Undertaking) & PTC India Ltd)

Pakal Dul Hydro Electric Project

Chenab Nagar - II, Kishtwar, (J&K) - 182206

CIN NO. U40105JK2011PTC003321

Ph No. 01995-260661

Fax No. 01995-260661

No. CVPP/GM/PDHEP/2016/404

Date 24.11.2016

Director,
Northern Regional Office,
Ministry of Environment, Forests and Climate Change, GoI,
Bays No. 24-25, Sector 31-A,
Chandigarh- 160030
Fax- 0172 2638135
E-mail: harsh.mitter@gmail.com

**Sub: Environment Clearance of Pakal Dul HE Project (1000 MW) in Kishtwar, J&K:
Compliance Report.**

**Ref: Environmental Clearance granted to the Project vide letter no.
J-12011/51/2007-IA dated 29.02.2008 and transfer of clearance in favour of
CVPP vide letter no. J-12011/51/2007-IA dated 12.07.2012.**

Sir,

We are enclosing herewith Six Monthly Compliance Report in respect of Pakal Dul HE Project for the period from April to September 2016 for your kind information.

Thanking you and Warm Regards.

Yours Sincerely,

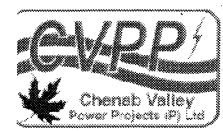
(P.B. Jain)

General Manager

Phone: 9650193202/ Email: pbjain@cvppindia.com

Copy to:

Dr. S. Kerketta
Director,
Impact Assessment Division-1
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh Road, Ali Ganj,
New Delhi- 110003
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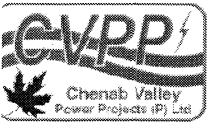
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ANNEXURE-I

Six Monthly Compliance Report of Pakal Dul HE Project (1000 MW), District Kishtwar, J&K (April to September 2016)

1	Name of Project	Pakal Dul HE Project
2	Type of Project	Hydro Electric Project
3	Clearance letters OM No. and date (a) Environment Clearance (b) Forest Clearance	(a) Letter no. J-12011/51/2007-IA dated 29.02.2008 and transferred in favour of CVPP vide letter no. J-12011/51/2007-IA-I dated 12.07.2012 (b) Letter no. 334- FST of 2015 dated 15.12.2015 of GoJK (for 146.6631 Ha land) FC recommended by J&K FAC on 03.10.2015 for 195.9621 Ha (earlier part of KHANP) for which full Payment of Rs 414.20 Cr has been made by CVPP. The Final clearance order is awaited and likely to be issued soon.
4	Locations (a) District (s) (b) State (c) Latitude (d) Longitude	(a) Kishtwar (b) Jammu and Kashmir (c) 33 ⁰ 27'30"N (d) 75 ⁰ 48'50"E
5	Address for Correspondence (a) Address of concerned Project Head (with Pin code, Telephone/Fax no.) (b) Address of concerned HOD in Corporate Office (with Pin	(a) General Manger, Pakal Dul HE Project, Chenab Nagar-II, Kishtwar, J&K. Pin code- 182206 Telephone:- 01995260723/ 9650193202 Email: pbjain@cvppindia.com (b) Managing Director,



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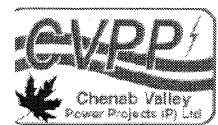
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	code, Telephone/Fax no.)	CVPP Ltd., 2 nd Floor, JKPC Building, Rail Head Complex, Panama Chowk, Jammu- 180006, J&K Phone/ Fax: 0191 2479826/ 2479835																										
6	Detail of Environmental Management Plan	<p>Environmental Management Plans to be implemented at the project are:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>EMP</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Biodiversity Conservation Plan</td> </tr> <tr> <td>2.</td> <td>Catchment Area Treatment</td> </tr> <tr> <td>3.</td> <td>Fisheries Development</td> </tr> <tr> <td>4.</td> <td>Public Health Delivery System</td> </tr> <tr> <td>5.</td> <td>Solid Waste Management</td> </tr> <tr> <td>6</td> <td>Provision for fuelwood/ LPG depot & Energy Conservation Measures</td> </tr> <tr> <td>7.</td> <td>Relocation & Rehabilitation of Dumping sites</td> </tr> <tr> <td>8.</td> <td>Landscaping & restoration of construction areas</td> </tr> <tr> <td>9.</td> <td>Creation of Green Belt around reservoir</td> </tr> <tr> <td>10.</td> <td>Disaster Management Plan</td> </tr> <tr> <td>11.</td> <td>Resettlement & Rehabilitation Plan</td> </tr> <tr> <td>12</td> <td>Environmental Monitoring Programme</td> </tr> </tbody> </table>	S. No.	EMP	1.	Biodiversity Conservation Plan	2.	Catchment Area Treatment	3.	Fisheries Development	4.	Public Health Delivery System	5.	Solid Waste Management	6	Provision for fuelwood/ LPG depot & Energy Conservation Measures	7.	Relocation & Rehabilitation of Dumping sites	8.	Landscaping & restoration of construction areas	9.	Creation of Green Belt around reservoir	10.	Disaster Management Plan	11.	Resettlement & Rehabilitation Plan	12	Environmental Monitoring Programme
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7	Breakup for Project area (Land details)	<p>Forest Land: 342.62 ha Private Land: 140 ha Total Land: 482.62 ha</p>																										
8	<p>Breakup of Project affected population with enumerations of those losing house/dwelling units only, agriculture land only, both house and agriculture land and landless labours / artisans.</p> <p>(a) SC/ST/Adivasis (b) Others</p>	<p>No of affected villages:- 6 Displaced PAFS:- 104 PAFs losing Land Only:- 656 Total PAFs:- 760</p> <p>(a) Scheduled Tribe:- 2</p>																										
9	<p>Financial Details</p> <p>(a) Project cost as originally planned and subsequent</p>	<p>(a) Project cost: 5088.88 Cr (July 2005 PL) CCEA approved: 8112.12 Cr (March 2013 PL)</p>																										



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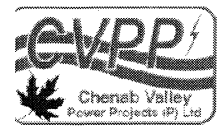
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	<p>revised estimates and the year of price reference</p> <p>(b) Actual expenditure incurred on the Project so far</p> <p>(c) Allocation made for Environment Management Plan</p> <p>(d) Actual expenditure incurred on EMP so far</p>	<p>(b) Actual expenditure: 648.43 Crs (till September 2016)</p> <p>(c) Allocations for EMP: 330.32 Crs</p> <p>(d) Actual expenditure incurred on EMP: Work yet to start.</p>
10	<p>Forest Land Requirements</p> <p>(a) Status of approval diversion of Forest Land for non-forestry use</p> <p>(b) The status of clear felling of trees in Forest Land</p>	<p>(a) Forest clearance for diversion of 146.66 Ha forest land on right bank of dam/reservoir from GoJK obtained on 15.12.2015. Forest Clearance for diversion of 188.76 Ha forest land (earlier KHANP) on left bank of dam/ reservoir along with 7.2 ha of forest land for underground works in Dul area: recommended by J&K FAC on 03.10.2015. A full Payment of Rs 414.20 Cr has been made by CVPP. The Final clearance order is awaited and likely to be issued shortly.</p> <p>(b) Clear felling status: The case for Tree felling is in process with State Forest Corporation and felling shall be started shortly.</p>
11	<p>Status of Construction</p> <p>(a) Date of commencement (actual and/or planned)</p> <p>(b) Date of completion (actual and/or planned)</p>	<p>(a) Date of commencement (planned) : By middle of 2017</p> <p>(b) Date of completion (planned): 66 months from the start of major works.</p>



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12	Reasons for the delay (If the Project is yet to be started)	Turnkey tender was cancelled in Feb 2016 due to high cost. Then tendering of works on Package mode was started which was stalled in view of the interim order dated 02.05.2016 of the Hon'ble High Court of J&K. The tendering process shall be started once the stay is vacated. Final Order of the Hon'ble High Court is expected by December 2016.
13	Details of Site visits (a) By Monitoring Committee (b) By Regional Office	Nil Nil
14.	Brief note on the status of compliance of the conditions stipulated by MOEF&CC	Details are enclosed as Annexure-II.



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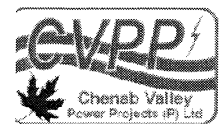
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ANNEXURE-II

Status of Compliance of conditions stipulated by MoEF&CC, Govt. of India vide Environmental Clearance letter dated 29.02.2008.

S. No.	Specific Conditions	Compliance Status
i	Catchment area treatment Plan as proposed should be completed in Five years	Soil Conservation Department, GoJK has been requested to take up the treatment work. Work shall be started once the construction of major structures of the Project are started.
ii	During the construction of the project, if any person/family whose acquired land is more than 70% of the total land holding is identified, such family/person shall be treated as fully affected families. R&R package proposed for the displaced families shall be extended to such families. NPRR - 2007 package will be followed for R&R of PAFs.	The Minutes of meeting of the Standing Committee for R&R Plan of Pakal Dul HE Project has been issued on dated 25.10.2016 and R&R Plan is likely to be approved by Govt. of J&K shortly. The same shall be implemented once approved.
iii	A Monitoring Committee for R&R should be constituted which must include representatives of project affected persons from SC/ST category and a woman beneficiary.	The Government of J&K has been requested to appoint the Commissioner for R&R and to constitute the R&R Committee.
iv	The commitment made during the public hearing should be fulfilled.	Shall be complied.
v	All the equipment which are likely to generate high noise levels are to be fully equipped (noise reduction measures) to meet the ambient noise control standards	Construction yet to be started. Shall be complied.



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vi	<p>Consolidation and compilation of the muck should be carried-out in the muck dumping sites and the dumping sites should be above high flood level. The proposed plan for 70.85 lakh cum of muck disposal i.e. about 34 lakh cum is proposed to be utilized during construction and the remaining 36.86 lakh cum of muck disposal at two designated areas (DS1-powerhouse site- 14.37 lakh cum; DS2- dam site- 22.48 lakh cum) should be strictly implemented.</p>	<p>Construction yet to be started. Shall be complied.</p>
vii	<p>The fisheries management plan as proposed in the letter dated 15.01.2008 should be implemented in totality. The total budget of Rs. 339.24 lakhs for the fishery development and conservation in the Marusudar river basin should not be diverted for any other purpose.</p>	<p>Shall be complied.</p>
viii	<p>The following conditions imposed by the Standing Committee of National Board for Wildlife (NBWL) while recommending the proposal for de-notification of KHANP area, shall be strictly complied:</p>	
	<p>(a) Provisions proposed for the habitat improvement in the Mitigation Plan should be discussed with Wildlife Institute(WII), Dehradun and be modified accordingly.</p>	<p>Mitigation Plan was prepared/ modified in consultation with Wildlife Institute of India, Dehradun. The core area of the KHANP has been redefined.</p>
	<p>(b)State Wildlife Department may redefine the core area of the National Park considering the human population pressure etc.</p>	<p>Final forest clearance for the former KHANP area has been approved by J&K FAC for which a full payment of Rs 414.20 Crs has been deposited to Forest Dept. which includes Rs236 Crs which includes Rs.100 Crs for the corpus fund for the protected area for conservation of wildlife.</p>
	<p>(c)NHPC would provide a total of Rs.236 Crs including Rs.100 Crs. for the corpus fund for the protected area for the conservation of the wildlife.</p>	



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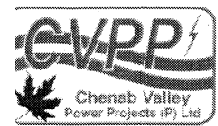
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ix	No construction work/ activity should be initiated till Supreme Court grants de-reservation of National Park area.	Complied vide SRO no. 212 dated 06.07.2015 of GoJK.
x	Clear felling of trees should be restricted to 4 m below the FRL and a 50 m greenbelt should be created around the reservoir periphery.	Shall be complied
General Conditions		
i	Adequate free fuel arrangement should be made for the labour force engaged in the construction work at project cost so that Indiscriminate felling of trees is prevented.	Shall be complied
ii	Fuel depot's maybe opened at the site to provide the fuel (kerosene/ wood/ LPG). Medical facilities as well as drinking water & recreational facilities should also be provided to the labourers.	Shall be complied
iii	All the labourers to be engaged for construction works should be thoroughly examined by health personnel and adequately treated before issuing them work permit	Shall be complied
iv	Restoration of construction area including dumping site of excavated materials should be ensured by leveling, filling up of borrow pits, landscaping etc. The area should be properly treated with suitable plantation.	Shall be complied
v	The total amount of Rs. 9979.29 lakhs kept in the budgetary provisions for implementation of environmental management plan should be strictly adhered and not to be diverted for any other purpose	Provision kept in DPR



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vi	A Multidisciplinary committee in consultation with the Ministry should be constituted with Ecologists, Environmental Scientists, Conservationists and experienced administrators etc. to oversee the effective implementation of the suggested safeguard measures.	The letters for constitution of multidisciplinary committee to monitor implementation of EMP of Pakal Dul HE Project were issued to concerned departments and the nomination/consent of 5 members has also been obtained. The proposal for constitution of committee shall be submitted to MoEFCC after obtaining nomination for the member from State Wild Life Department.
vii	Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh for review.	Being complied.